AMENDMENTS TO THE CLAIMS

Listing of Claims

47.   (Currently Amended) A method of transmitting information from a server to a client station in a mobile-based client-server system, the method comprising:

determining ~~whether~~ that the server has information ~~for~~ to be transmitted to the client station without the client station initiating the determination ~~by establishing a communication link to the server~~;

~~transmitting~~ generating a ~~data~~ paging notification message from the server to the client station via a page link between the server and the client station, in order to notify the client station that the server has information to be transmitted to ~~in response to the server having information for~~ the client station; ~~and~~

~~receiving~~ transmitting the ~~data~~ paging notification message ~~to a transceiver, the transceiver being separate from~~ in the client station~~,~~; and

causing the client station to establish a wireless communication link with the server that has a higher bandwidth than the page link in response to the received paging notification message.

48.   (Canceled).

49.   (Currently Amended) The method of claim ~~48~~ 47, wherein the communication link between the client station and the server is established via the transceiver.

50.   (Currently Amended) The method of claim ~~48~~ 47 further comprising connecting the client station to the transceiver.

51.   (Currently Amended) The method of claim 48 47, wherein establishing a the communication link comprises:

generating a signal containing a telephonic address of a transceiver associated with the server, wherein the signal includes instructions for establishing a log-on connection with the server; and

transmitting the signal to the transceiver associated with the server to establish a communication link with the server based on the telephonic address.

52.   (Currently Amended) The method of claim 48 47 further comprising:

transmitting a first request for the information to the server via the communication link;

receiving the information; and

transmitting an additional signal to the server via the communication link.

53.   (Previously Presented) The method of claim 52, wherein transmitting an additional signal comprises transmitting a further request for information.

54.   (Currently Amended) The method of claim 48 47, wherein the data paging notification message indicates the type of information waiting for the client station at the server.

55.   (Currently Amended) The method of claim 54 further comprising evaluating the data paging notification message to determine whether the information is of a selected type.

56.   (Currently Amended) The method of claim 55, wherein the data paging notification message is evaluated at the transceiver.

57.   (Currently Amended) The method of claim 55, wherein the ~~data~~ paging notification message is evaluated at the client station.

58.   (Previously Presented) The method of claim 55, wherein the communication link is only established when the information is of the selected type.

59.   (Currently Amended) The method of claim 55 further comprising relaying the ~~data~~ paging notification message from the transceiver to the client station.

60.   (Previously Presented) The method of claim 55 further comprising connecting the client station to the transceiver.

61.   (Currently Amended) The method of claim 60 further comprising downloading the ~~data~~ paging notification message from the transceiver to the client station.

62.   (Currently Amended) The method of claim ~~48~~ 47, wherein the ~~data~~ paging notification message indicates a quantity of the information waiting for the client station at the server.

63.   (Currently Amended) The method of claim 62 further comprising evaluating the ~~data~~ paging notification message to determine whether the information is of a selected quantity.

64.   (Currently Amended) The method of claim 63, wherein the ~~data~~ paging notification message is evaluated at the transceiver.

65.   (Currently Amended) The method of claim 63, wherein the ~~data~~ paging notification message is evaluated at the client station.

66.   (Previously Presented) The method of claim 63, wherein the communication link is only established when the information is of the selected quantity.

67.   (Currently Amended) The method of claim 63 further comprising relaying the ~~data~~ paging notification message from the transceiver to the client station.

68.   (Previously Presented) The method of claim 63 further comprising connecting the client station to the transceiver.

69.   (Currently Amended) The method of claim 68 further comprising downloading the ~~data~~ paging notification message from the transceiver to the client station.

70.   (Previously Presented) The method of claim 47, wherein the transceiver is a GSM-based transceiver.

71.   (Currently Amended) The method of claim 70, wherein the ~~data~~ paging notification message is in an SMS paging message format.

72.   (Currently Amended) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected type, wherein the ~~data~~ paging notification message is only generated when the information is of the selected type.

73.   (Currently Amended) The method of claim 47 further comprising evaluating the information at the server to determine whether the information is of a selected quantity, wherein the ~~data~~ paging notification message is only generated when the information is of the selected quantity.

74.   (Currently Amended) A computer program product that includes a computer readable

medium, the computer readable medium having stored thereon a sequence of instructions which,

when executed by a processor, causes the processor to execute a process for transmitting information

from a server to a client station in a mobile-based client-server system, the process comprising:

        determining ~~whether~~ that the server has information ~~for~~ to be transmitted to the client station

without the client station initiating the determination ~~by establishing a communication link to the~~

~~server~~;

        ~~transmitting~~ generating a ~~data~~ paging notification message from the server to the client

station via a page link between the server and the client station, in order to notify the client station

that the server has information to be transmitted to ~~in response to the server having information for~~

the client station; ~~and~~

        receiving ~~transmitting~~ the ~~data~~ paging notification message ~~to a transceiver, the transceiver~~

~~being separate from~~ in the client station~~,~~; and

        causing the client station to establish a wireless communication link with the server that has a

higher bandwidth than the page link in response to the received paging notification message.

75.   (Canceled).

76.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein the

communication link between the client station and the server is established via the transceiver.

77.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein the process

further comprises connecting the client station to the transceiver.

78.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein establishing a

communication link comprises:

        generating a signal containing a telephonic address of a transceiver associated with the

server, wherein the signal includes instructions for establishing a log-on connection with the server;

and

        transmitting the signal to the transceiver associated with the server to establish a

communication link with the server based on the telephonic address.

79.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein the process

further comprises:

        transmitting a first request for the information to the server via the communication link;

        receiving the information; and

        transmitting an additional signal to the server via the communication link.

80.   (Previously Presented) The computer program product of claim 79, wherein transmitting an

additional signal comprises transmitting a further request for information.

81.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein the ~~data~~

paging notification message indicates a type of the information waiting for the client station at the

server.

82.   (Currently Amended) The computer program product of claim 81, wherein the process

further comprises evaluating the ~~data~~ paging notification message to determine whether the

information is of a selected type.

83.   (Currently Amended) The computer program product of claim 82, wherein the ~~data~~ paging

notification message is evaluated at the transceiver.

84.   (Currently Amended) The computer program product of claim 82, wherein the ~~data~~ paging

notification message is evaluated at the client station.

85.   (Previously Presented) The computer program product of claim 82, wherein the

communication link is only established when the information is of the selected type.

86.   (Currently Amended) The computer program product of claim 82, wherein the process

further comprises relaying the ~~data~~ paging notification message from the transceiver to the client

station.

87.   (Previously Presented) The computer program product of claim 82, wherein the process

further comprises connecting the client station to the transceiver.

88.   (Currently Amended) The computer program product of claim 87, wherein the process

further comprises downloading the ~~data~~ paging notification message from the transceiver to the

client station.

89.   (Currently Amended) The computer program product of claim ~~75~~ 74, wherein the ~~data~~

paging notification message indicates a quantity of the information waiting for the client station at

the server.

90.   (Currently Amended) The computer program product of claim 89, wherein the process

further comprises evaluating the ~~data~~ paging notification message to determine whether the

information is of a selected quantity.

91.   (Currently Amended) The computer program product of claim 90, wherein the ~~data~~ paging

notification message is evaluated at the transceiver.

92.   (Currently Amended) The computer program product of claim 90, wherein the ~~data~~ paging

notification message is evaluated at the client station.

93.   (Previously Presented) The computer program product of claim 90, wherein the

communication link is only established when the information is of the selected quantity.

94.   (Currently Amended) The computer program product of claim 90, wherein the process

further comprises relaying the ~~data~~ paging notification message from the transceiver to the client

station.

95.   (Previously Presented) The computer program product of claim 90, wherein the process

further comprises connecting the client station to the transceiver.

96.   (Currently Amended) The computer program product of claim 95, wherein the process

further comprises downloading the ~~data~~ paging notification message from the transceiver to the

client station.

97.   (Previously Presented) The computer program product of claim 74, wherein the transceiver

is a GSM-based transceiver.

98.   (Currently Amended) The computer program product of claim 97, wherein the ~~data~~ paging notification message is in an SMS paging message format.

99.   (Currently Amended) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected type, wherein the ~~data~~ paging notification message is only generated when the information is of the selected type.

100.   (Currently Amended) The computer program product of claim 74, wherein the process further comprises evaluating the information at the server to determine whether the information is of a selected quantity, wherein the ~~data~~ paging notification message is only generated when the information is of the selected quantity.